Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 17 Apr 2023 until 23:59 on Tuesday 18 Apr 2023

Forecast Issued on Monday 17 Apr 2023 at 04:35

Confidence: High confidence for largely settled conditions the next few days. Lower for cloud details, and for any precipitation from Wednesday.

Headline for Monday 17 Apr 2023: Largely cloudy with some light rain and drizzle, but some late brighter spells possible.

Mountain weather hazards on Monday 17 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Fog	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
20%	30%	20%	10%	<05%	<05%

Forecast for Monday 17 Apr 2023

Weather: Largely cloudy, with some outbreaks of mostly light rain and drizzle through the morning. Becoming mostly dry for the afternoon and some limited bright spells developing.

Chance of cloud-free hill tops above 600m: 20% becoming 70% by afternoon.

Low Cloud and visibility: Patchy low cloud at first, with bases down towards 300-400m in places. Cloud lifting but tending to thicken during the morning, with areas of cloud continuing to cover tops above around 600-900m. By the afternoon and evening cloud increasingly lifting above summits with some breaks developing. Visibility will be poor in drizzle or very poor in cloud covering the hills, otherwise good.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 17 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/8 E	7/10 SE	7/11 SE	8/11 SE	7/11 E	8/14 E	8/15 E
300	2/7 E	5/8 SE	7/11 SE	6/11 SE	5/11 SE	5/14 E	5/14 NE
Valley	1/4 SE	2/4 S	4/7 S	6/11 SE	3/7 E	7/16 E	5/11 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/7	8/6	10/8	10/8	10/8	7/4	5/2
300	9/8	11/10	12/11	13/12	12/11	8/6	5/3
Valley	10/10	12/12	14/13	14/14	14/14	10/8	7/6
Freezing Level*	2200m	2200m	2100m	2000m	1800m	1600m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day for layers. Cloudy and damp at first, but some spells of strong sunshine for the afternoon, although temperatures will remain chilly at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 17 Apr 2023	0mm	0mm	5.8mm

Forecast for Tuesday 18 Apr 2023

Weather: Areas of low cloud overnight, mainly in the east of the Park, with some drizzle possible. Low cloud clearing by mid-morning to leave a dry day with little cloud giving strong sunshine. Some patchy low cloud perhaps re-developing in eastern parts during the evening. Becoming breezy, with gusty winds possible at height and on downslopes in the west.

Maximum wind: East or northeast 20-25 mph, gusting 30-35 mph.

Chance of cloud-free hill tops above 600m: 30%, becoming 100% by mid-morning. Becoming 60% during the evening.

Low Cloud and visibility: Widespread low cloud at first, with bases 300-500m. Cloud lifting and breaking by mid-morning. Periods of cloud with bases 300-400m in the east of the Park by late evening. Visibility will be poor in drizzle or very poor in cloud covering the hills. Becoming mostly good by mid-morning.

Temperature: **Valleys:** Plus 3 Celsius becoming plus 13 Celsius by mid-afternoon
At 600m: Plus 4 or 5 Celsius
Freezing level: Above the hilltops

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